

Grove City College Status Sheet

Status Sheets are provided as a convenience for the student and may be helpful for recording completed courses. However, the College Bulletin is the controlling authority on all requirements. Questions should be directed to your academic advisor or the Registrar.

B.S. in Biology Entering in 2024

(WI)=Writing Intensive, (SI)=Speaking Intensive, (IL)=Information Literacy courses.

(REVISED 04-17-2024)

Name: _____

ID# _____

Year of Anticipated Graduation: _____

Date: _____

Advisor: _____

TOTAL HOURS REQUIRED FOR THIS DEGREE----- 128 HOURS

Minimum CQPA and MQPA required for graduation-----2.00

General Education + Elective Requirements----- 76 HOURS

MQPA Courses-----BIOL

Major Requirements-----52 HOURS

GENERAL EDUCATION REQUIREMENTS----- 27 HOURS

BIOLOGY CORE REQUIREMENTS----- 18 HOURS

HUMANITIES CORE----- 15 HOURS

	Cr.	Sem. Taken	Grade
HUMA 102 Civ and the Biblical Revelation (IL)*	3	_____	_____
HUMA 200 Western Civilization	3	_____	_____
HUMA 202 Civilization and Literature	3	_____	_____
HUMA 301 Civilization and the Arts	3	_____	_____
HUMA 303 Christianity and Civilization	3	_____	_____

*The year-long sequence of RELI 211 and 212 may substitute for this course.

WRITING REQUIREMENT----- 3 HOURS

WRIT 101 Found. of Academic Discourse (WI/IL)	3	_____	_____
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STUDIES IN SCIENCE, FAITH, & TECHNOLOGY (SSFT)----- 2 HOURS

Choose one course from the following:

COMP 205/SSFT 205 Ethics, Faith, and the Conscious Mind

PHIL 243 Science and the Human: Inquiry, Design, & the Person

SSFT 210 Science & Religion

SSFT 212 Science, Faith, Technology, & Origins

	2	_____	_____
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FOUNDATIONS OF THE SOCIAL SCIENCES----- 3 HOURS

Choose one course from the following:

ECON 120 Foundations of Economics PSYC 101 Foundations of Psychology

HIST 120 Foundations of History PSYC 200 Cross-Cultural Psychology

HIST 141 World Geography SOCI 101 Foundations of Sociology

HIST 204 Hist/Phil Foundations of Education SOCI 103 Found. of Cultural Anthr.

POLS 101 Foundations of Political Science SOCW 101 Found. of Social Work

	3	_____	_____
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QUANTITATIVE/LOGICAL REASONING----- 3 HOURS

Refer to the *Bulletin* - General Education section - for requirements.

PSYC 201 Statistical Methods is recommended for this requirement.

	3	_____	_____
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NATURAL SCIENCES (with labs)----- 0 HOURS

College requirements met through major-related coursework.

PHYSICAL EDUCATION----- 1 HOURS

PHYE 100 Healthful Living	1	_____	_____
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GENERAL ELECTIVES----- 49 HOURS

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BIOLOGY ELECTIVES----- 4 HOURS

Choose four hours from any additional Biology offerings or CHEM 330, ENGR 340, PHIL 271, PHYS 401 or 402, or PUBH 101, 102, or 201. See the College *Bulletin* for additional Biology offerings. Note: Independent or honors research requires a minimum two-credit commitment.

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	Cr.	Sem. Taken	Grade
BIOL 101 General Biology I	4	_____	_____
BIOL 102 General Biology II	4	_____	_____
Select one of the following:	1	_____	_____
BIOL 180 Introduction to Biology - Non Health OR BIOL 182 Introduction to Biology - Health			
BIOL 233 Genetics	4	_____	_____
BIOL 234 Cell Biology	4	_____	_____
BIOL 488 Seminar in Biology (WI/SI/IL)	1	_____	_____

BIOLOGY GROUP CHOICES----- 18 HOURS minimum

Choose one course from *each* of the following groups, as well as an additional course from any group to reach a

minimum of 18 credits. Your group course selections must include a minimum of three 4-credit lab courses.

GROUP 1 - MOLECULAR MECHANISMS AND PHYSIOLOGY

BIOL 301 Medical Genetics	4	_____	_____
BIOL 302 Developmental Biology *	4	_____	_____
BIOL 322 The Biology of Cancer	3	_____	_____
BIOL 325 Virology *	3	_____	_____
BIOL 334 Biochemistry for Biology	3	_____	_____
BIOL 346 Human/Mammalian Physiology	4	_____	_____
BIOL 401 Introduction to Biological Lab Techniques	2	_____	_____
BIOL 404 Advanced Topics in Genetics *	4	_____	_____
BIOL 407 Microbiology	4	_____	Group 1: _____

GROUP 2 - VERTEBRATE SYSTEMS

BIOL 310 Public Health & Infectious Disease*	4	_____	_____
BIOL 313 Histology	3	_____	_____
BIOL 314 Immunology	3	_____	_____
BIOL 341 Human/Mammalian Anatomy	4	_____	_____
BIOL 471 Introduction to Pathology	3	_____	Group 2: _____

GROUP 3 - NATURAL HISTORY

BIOL 210 Introduction to Apiculture *	3	_____	_____
BIOL 305 Plant Taxonomy	4	_____	_____
BIOL 323 Invertebrate Zoology *	3	_____	_____
BIOL 326 Evolutionary Biology	3	_____	_____
BIOL 409 Entomology *	4	_____	Group 3: _____

GROUP 4 - ENVIRONMENTAL AND ECOLOGICAL DIVERSITY

BIOL 320 Conservation & Wildlife Biology	4	_____	_____
BIOL 328 Intro to Geographic Information Science	4	_____	_____
BIOL 331 Ecology	3	_____	_____
BIOL 332 Ecology Laboratory	1	_____	_____
BIOL 343 Ichthyology*	3	_____	_____
BIOL 403 Basis of Wildlife Behavior *	3	_____	_____
BIOL 421 Aquatic & Fishery Biology *	3	_____	Group 4: _____

ADDITIONAL GROUP COURSE

One course from any of the groups above.	3-4	_____	Group Elec: _____
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*Offered alternate years. Schedule accordingly.

MAJOR-RELATED REQUIREMENTS----- 12 HOURS

CHEM 111 General Chemistry I	3	_____	_____
CHEM 113 General Chemistry I Lab	1	_____	_____
CHEM 112 General Chemistry II	3	_____	_____
CHEM 114 General Chemistry II Lab	1	_____	_____
MATH 161 Calculus I	4	_____	_____

SAMPLE FOUR-YEAR PLAN for the BACHELOR OF SCIENCE IN BIOLOGY

** Please note that there is considerable flexibility in semesters 5-8 **

Freshman Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 101 General Biology I.....	4	BIOL 102 General Biology II.....	4
CHEM 111 General Chemistry I.....	3	BIOL 180 or BIOL 182 Intro to Biology (Health or Non Health). 1	
CHEM 113 General Chemistry I Lab.....	1	CHEM 112 General Chemistry II.....	3
WRIT 101 Foundations of Academic Discourse.....	3	CHEM 114 General Chemistry II Lab.....	1
PHYE 100 Healthful Living.....	1	HUMA 102 Civ and the Biblical Revelation.....	3
General Electives*.....	<u>4</u>	MATH 161 Calculus I.....	<u>4</u>
	16		16

* MATH 111 Pre-Calculus may be appropriate for those wishing to prepare for MATH 161 Calculus I in the spring semester.

Sophomore Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
BIOL 233 Genetics.....	4	BIOL 234 Cell Biology.....	4
HUMA 200 Western Civilization.....	3	HUMA 202 Civilization and Literature.....	3
SSFT Course.....	2	Quantitative/Logical Reasoning Course (e.g. PSYC 201).....	3
General Electives.....	<u>8</u>	General Electives.....	<u>6</u>
	17		16

Junior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
Biology Group Course.....	4	Biology Group Course.....	4
Biology Elective.....	1	Biology Elective.....	1
HUMA 301 Civilization and the Arts.....	3	HUMA 303 Christianity and Civilization.....	3
General Electives.....	<u>8</u>	General Electives.....	<u>8</u>
	16		16

Senior Year

<u>Fall</u>	<u>Credits</u>	<u>Spring</u>	<u>Credits</u>
Biology Group Course.....	3	BIOL 488 Biology Seminar.....	1
Biology Group Course.....	4	Biology Group Elective Course.....	3
Biology Elective.....	1	Biology Elective.....	1
Foundations of Social Science Course.....	3	General Electives.....	<u>10</u>
General Electives.....	<u>5</u>		15
	16		

Consult with your advisor regarding specific courses and course load per semester.

A total of at least 128 credits of coursework are required for graduation.